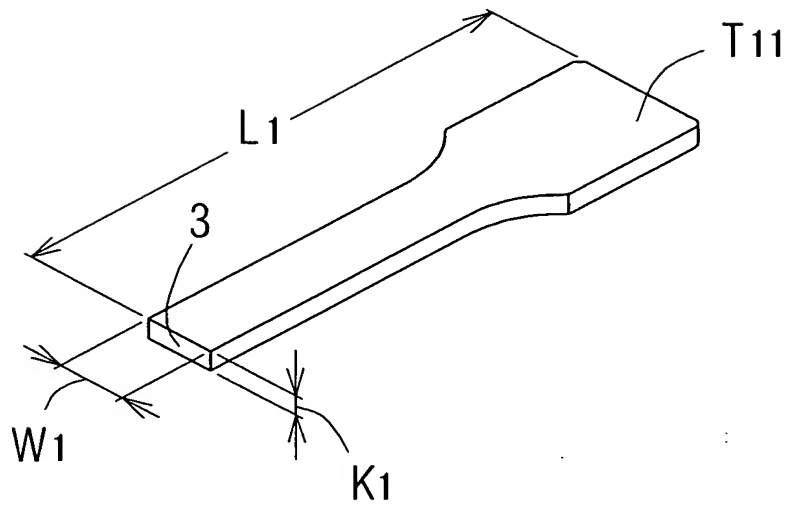


FIG. 1

(a)



(b)

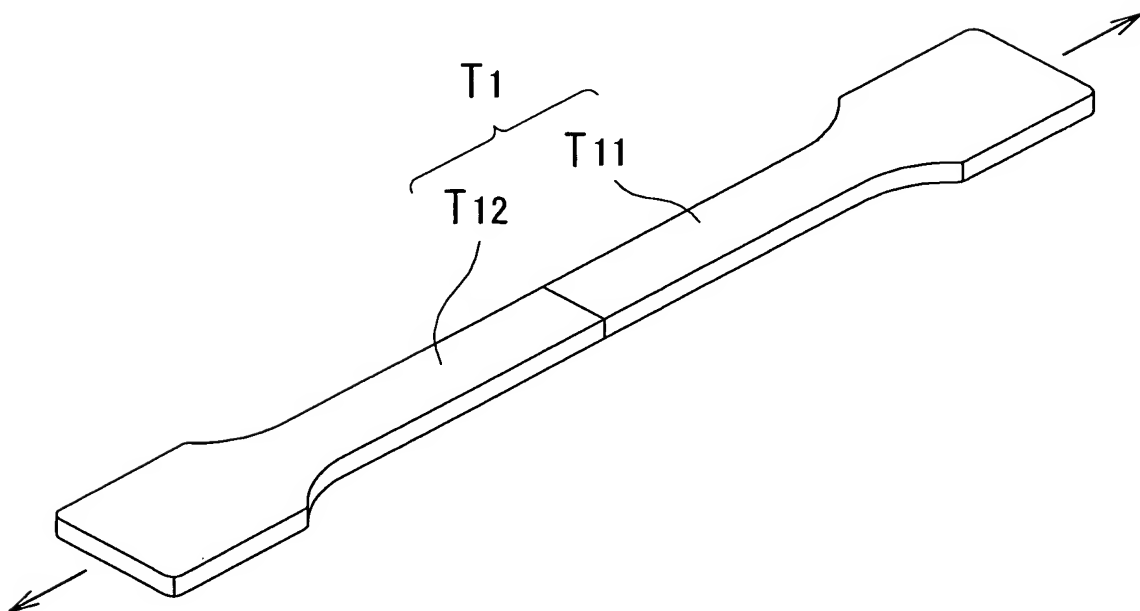


FIG. 2

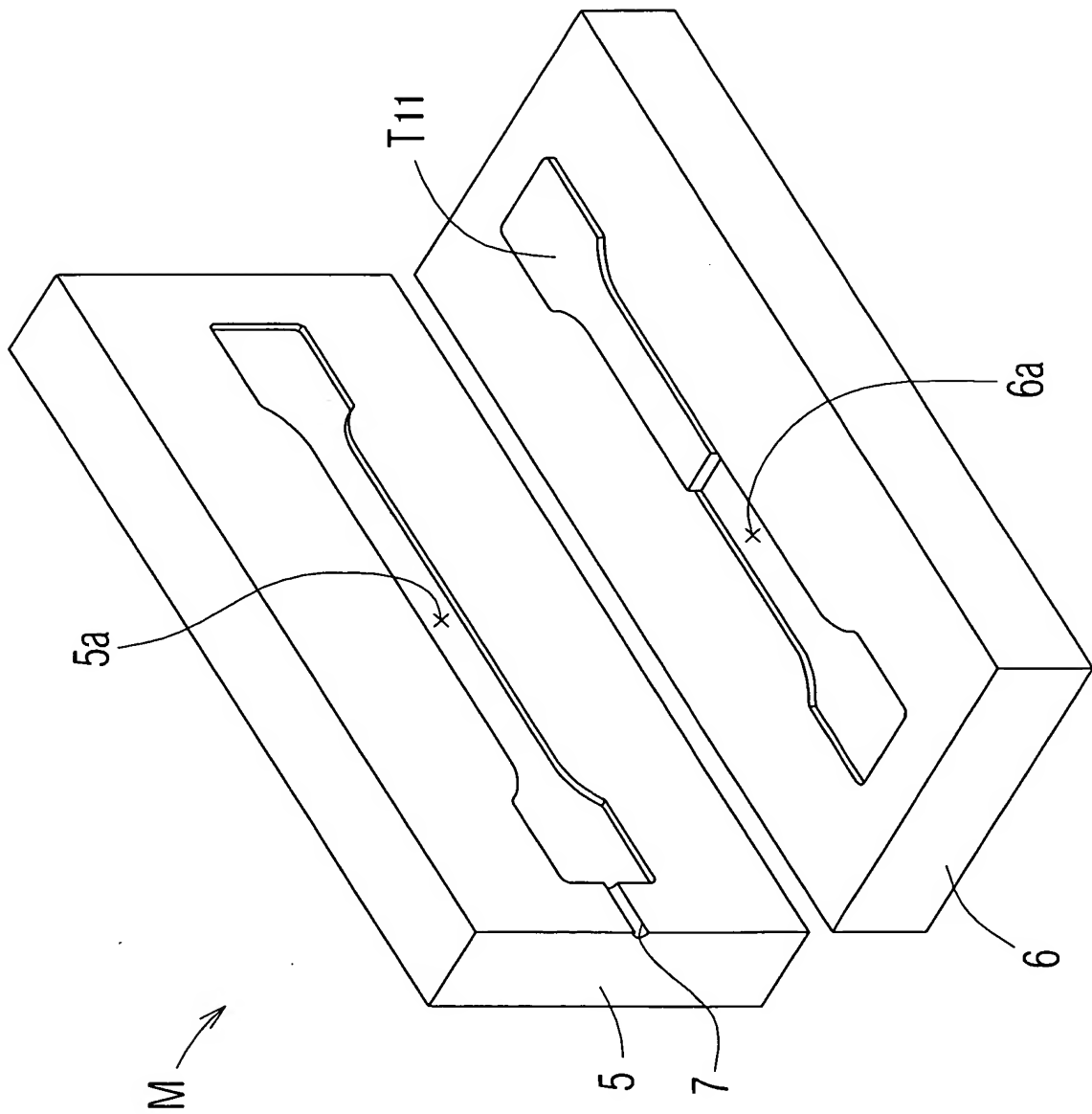


FIG. 3

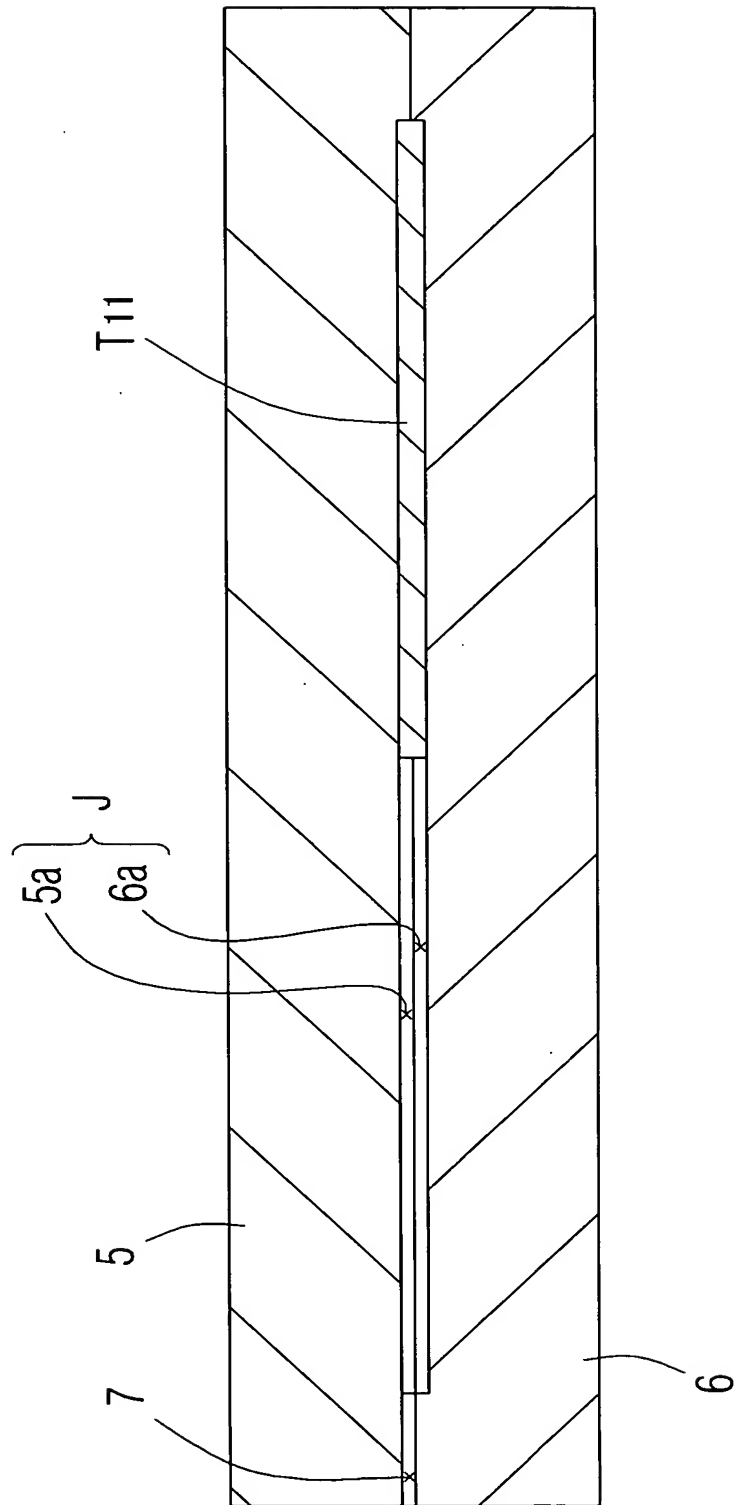


FIG. 4

Resin for molding		Example 1	Example 2	Example 3	Example 4	Example 5	Example 6	Example 7	Example 8	Example 9	Example 10	Example 11
Organic solvent	Methanol (wt%)	A	A	A	A	A	A	A	A	A	A	A
	Isopropyl alcohol (wt%)											
	Acetonitrile (wt%)						80.000	80.000				
	Acetone (wt%)				80.000	80.000						
Total amount of organic solvents (wt%)		70.000	58.000	80.000	80.000	80.000	80.000	80.000	70.000	57.000	80.000	57.000
Compound (1)	1,3-dihydroxybenzene C	30.000	42.000		20.000		20.000		29.700	42.700		42.999
	3,5-dihydroxybenzoate (wt%)			20.000		20.000		20.000			19.950	
Compound (2)	3,5-dihydroxybenzoate (D)											
	Salicylic acid (wt%)											0.001
Total amount of compounds (wt%)		30.000	42.000	20.000	20.000	20.000	20.000	20.000	29.700	42.700	19.950	43.000
Polyamide resin	Nylon 6 resin (wt%)								0.300	0.300	0.050	
Tensile strength MPa		65.2	51.5	64.4	53.9	70.2	47.7	56.8	57.3	62.9	70.9	51.4
Standard deviation MPa		7.4	9.5	4.9	7.8	0.3	16.3	13.7	5.1	1.9	1.2	7.6
Ratio of organic solvents												
C/D												

A: Nylon 6 resin  
B: Nylon 66 resin

FIG. 5

		Example 12	Example 13	Example 14	Example 15	Example 16	Example 17	Example 18	Example 19	Example 20	Example 21	Example 22
Resin for molding		A	A	A	A	A	A	A	A	A	A	A
Organic solvent	Methanol	(wt%)	80.000	60.000	69.000	65.000	40.000	69.000	29.000	70.000	40.000	
	Isopropyl alcohol	(wt%)			1.000	5.000	40.000	1.000	29.000	10.000	40.000	40.000
	Acetonitrile	(wt%)										40.000
	Acetone	(wt%)									40.000	
Total amount of organic solvents		(wt%)	80.000	60.000	70.000	70.000	80.000	70.000	58.000	80.000	80.000	80.000
Compound (1)	1,3-dihydroxybenzene C	(wt%)	10.000	34.920	30.000	30.000		29.700	41.993			
	3,5-dihydroxybenzoate	(wt%)					20.000			19.920	19.920	19.980
Compound (2)	3,5-dihydroxybenzoate (D)	(wt%)	10.000	4.920								
	Salicylic acid	(wt%)										
Total amount of compounds		(wt%)	20.000	39.840	30.000	30.000	20.000	29.700	41.993	19.920	19.920	19.980
Polyamide resin	Nylon 6 resin	(wt%)		0.160				0.300	0.007	0.080	0.080	0.020
Tensile strength		MPa	65.0	61.5	49.3	59.8	61.7	57.6	60.6	70.9	70.9	65.6
Standard deviation		MPa	1.3	6.9	12.2	8.2	8.2	3.5	0.9	0.5	0.4	3.6
Ratio of organic solvents					69.000	13.000	1.000	69.000	1.000	7.000	1.000	1.000
C/D			1.000	7.098								

A: Nylon 6 resin  
B: Nylon 66 resin

FIG. 6

Resin for molding		Example 23	Example 24	Example 25	Example 26	Example 27	Example 28	Example 29	Example 30	Example 31	Example 32	Example 33
Organic solvent	Methanol	A	A	A	A	A	A	A	A	B	B	B
	(wt%)	40.000	40.000	40.000	40.000			40.000	40.000	40.000	40.000	40.000
	Isopropyl alcohol				40.000	40.000	40.000	40.000	40.000	40.000	39.984	39.840
	Acetonitrile						40.000					
Total amount of organic solvents	(wt%)					40.000						
		80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	79.984	79.840
Compound (1)	1,3-dihydroxybenzene C	10.000	2.000	1.000	9.990	9.990	9.990	9.990	9.920	10.000	10.000	10.000
	3,5-dihydroxybenzoate											
Compound (2)	3,5-dihydroxybenzoate (D)	10.000	17.980	18.980	9.990	9.990	9.990	9.990	9.920	10.000	10.000	10.000
	Salicylic acid											
Total amount of compounds		20.000	19.980	19.980	19.980	19.980	19.980	19.984	19.840	20.000	20.000	20.000
Polyamide resin	Nylon 6 resin		0.020	0.020	0.020	0.020	0.020	0.016	0.160		0.016	0.160
Tensile strength		62.1	63.0	64.8	66.0	67.3	57.5	54.5	62.4	69.9	56.5	60.4
Standard deviation		6.9	4.5	3.0	1.1	0.9	16.3	9.8	9.1	7.2	14.7	6.9
Ratio of organic solvents		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
C/D		1.000	0.111	0.053	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

A: Nylon 6 resin  
B: Nylon 66 resin

FIG. 7

	Comparative Example 1	Comparative Example 2	Comparative Example 3	Comparative Example 4
Resin for molding	Nylon 6 resin	Nylon 6 resin	Nylon 66 resin	Nylon 66 resin
Molding method	Integral molding	Additional molding	Integral molding	Additional molding
Joining auxiliary agent		Not used		Not used
Tensile strength (Mpa)	75.1	17.3	78.7	6.9
Standard deviation (Mpa)	0.3	9.8	1.6	1.6

FIG. 8

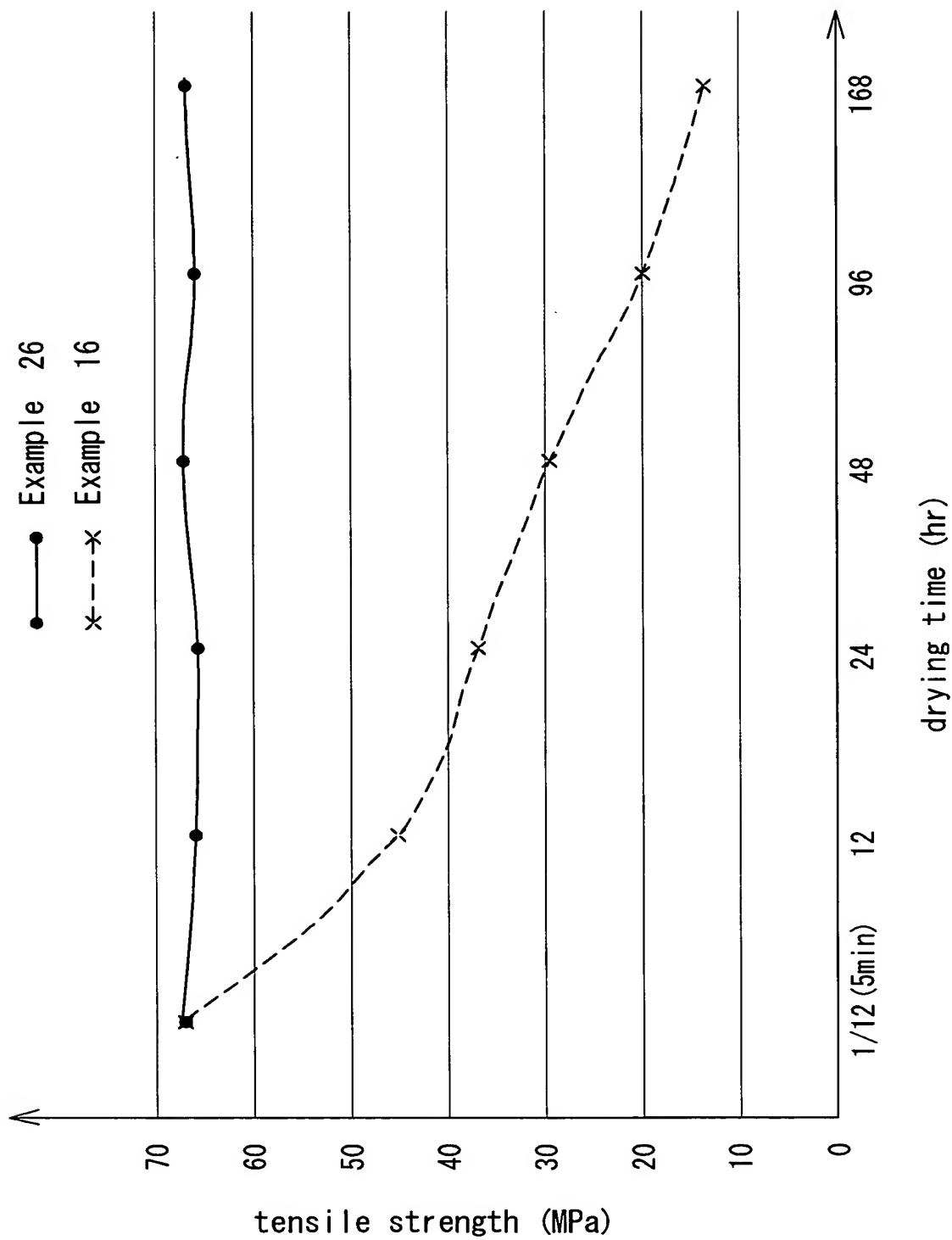




FIG.9

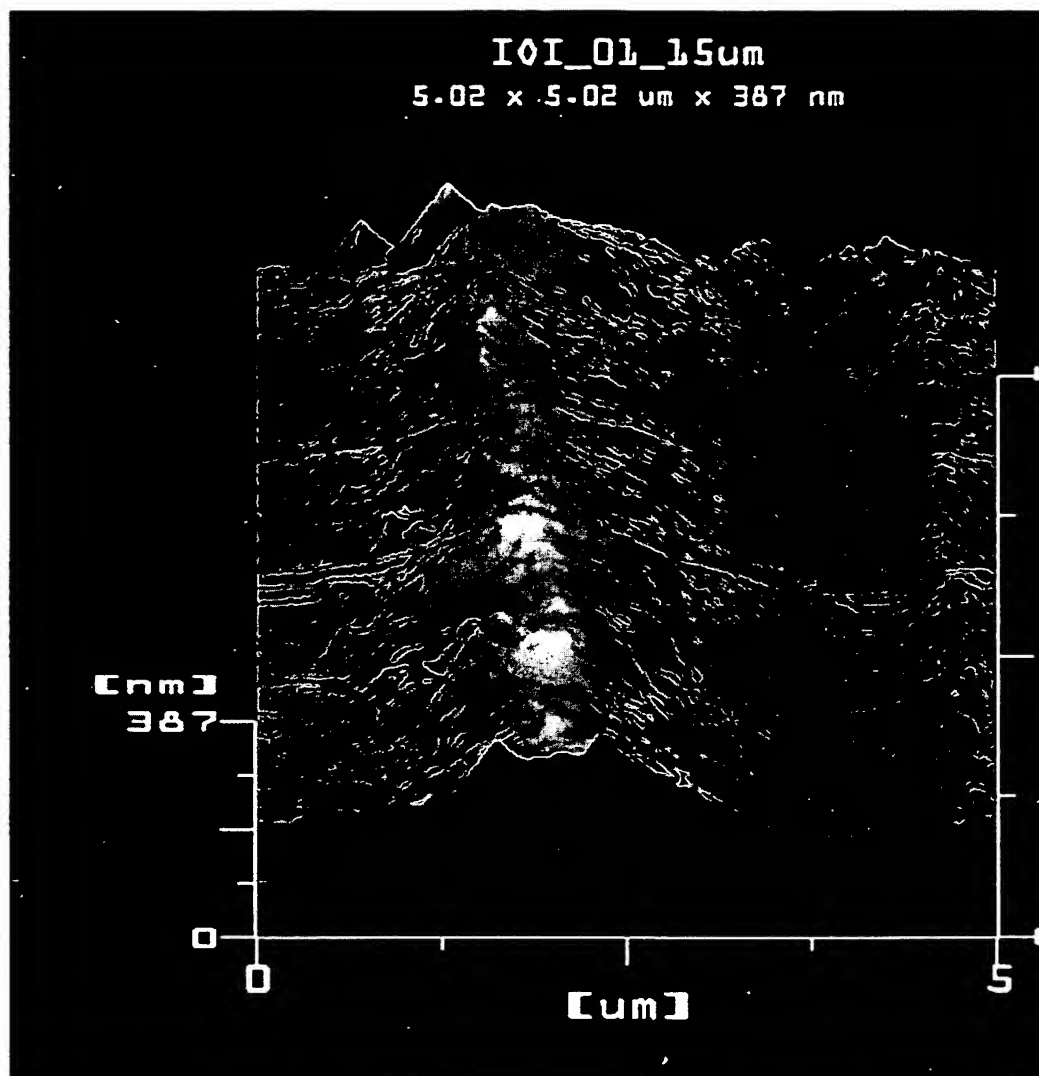


FIG. 10

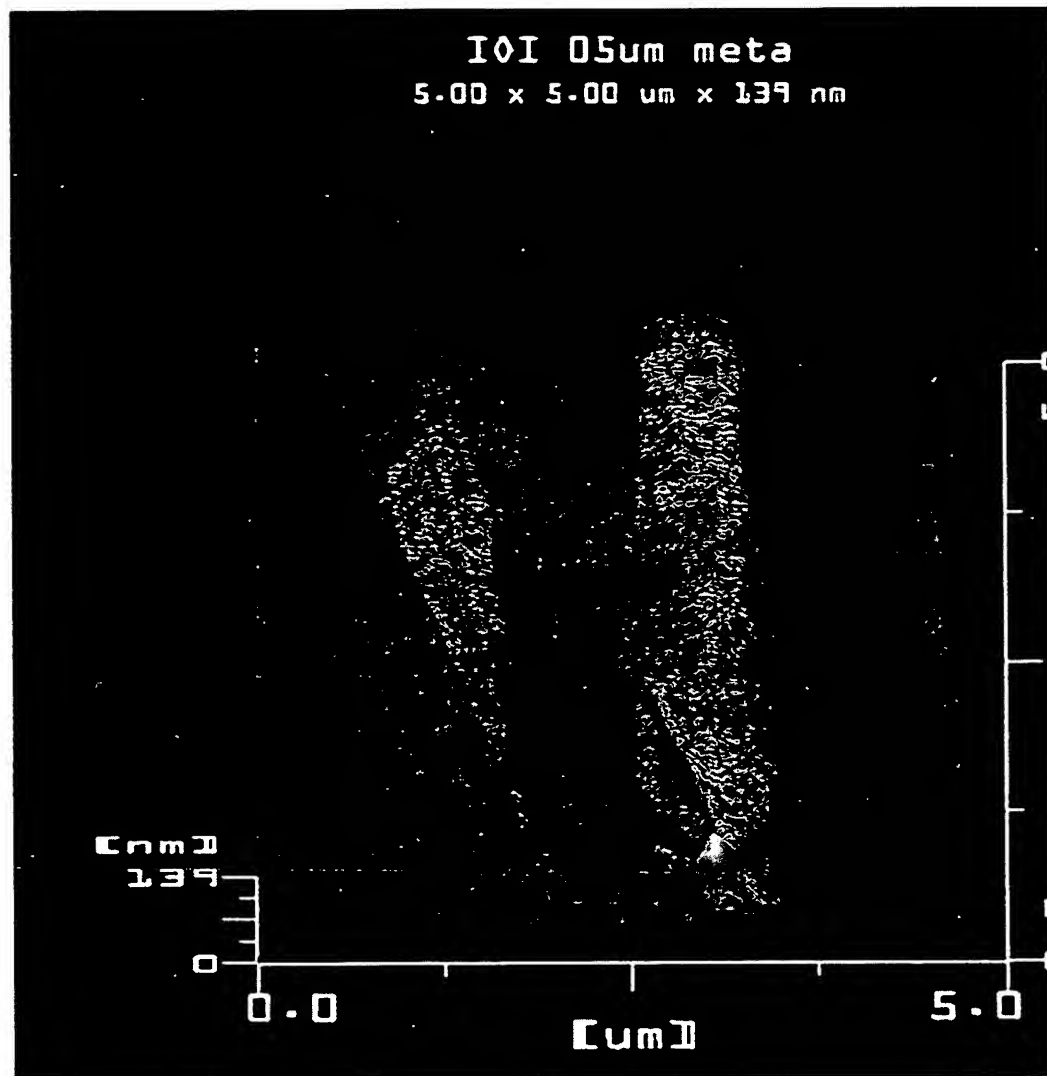


FIG. 11

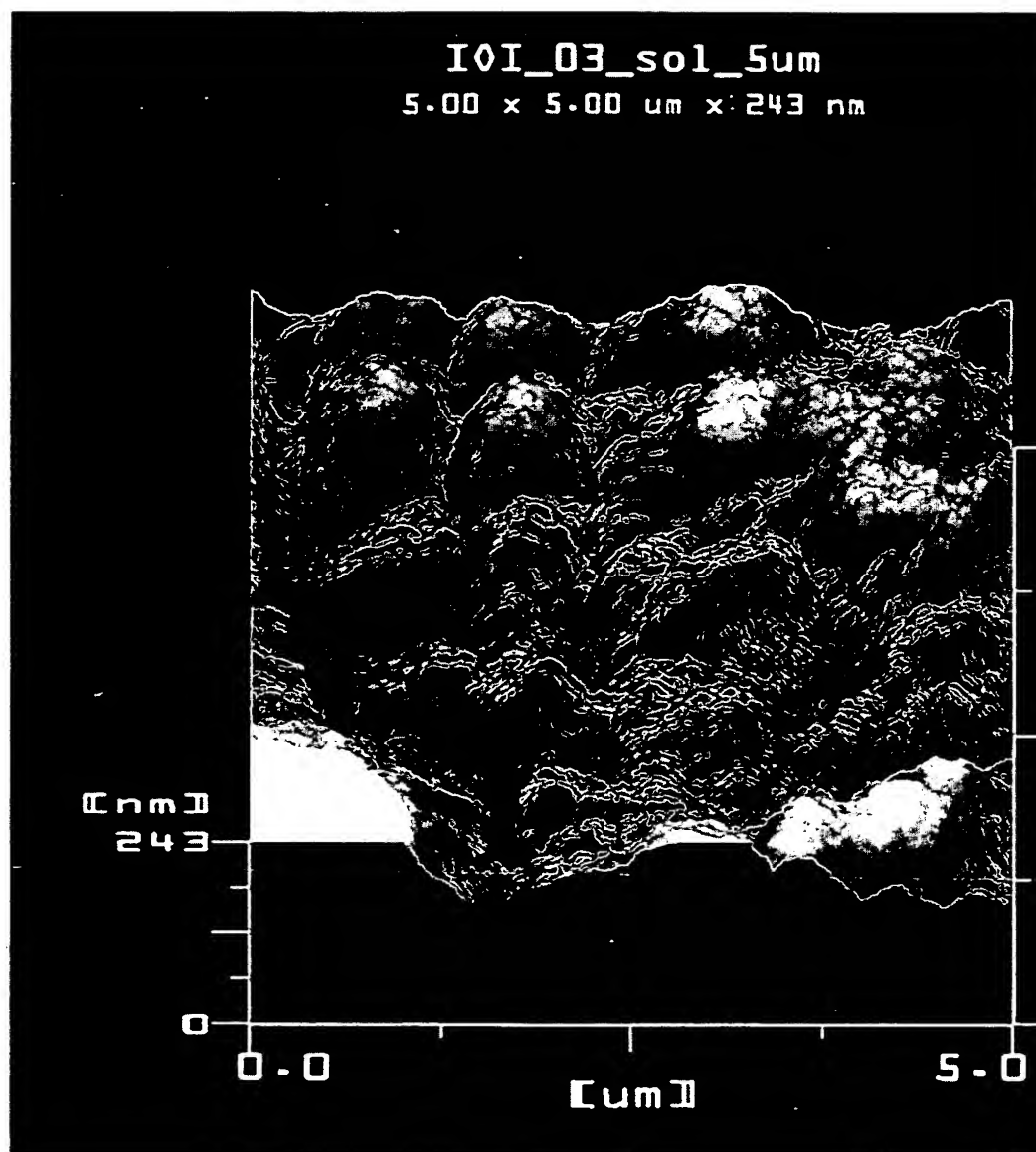


FIG. 12

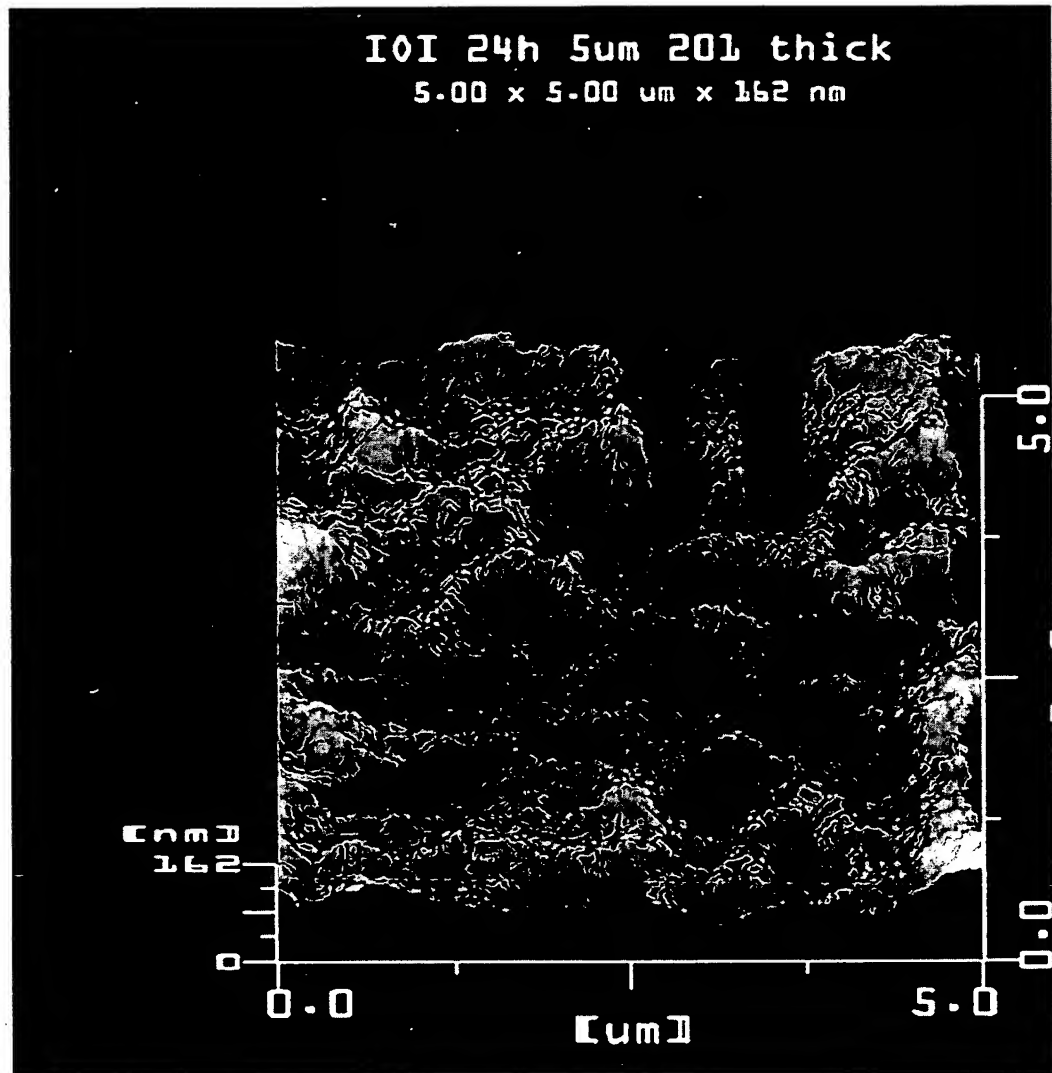


FIG. 13

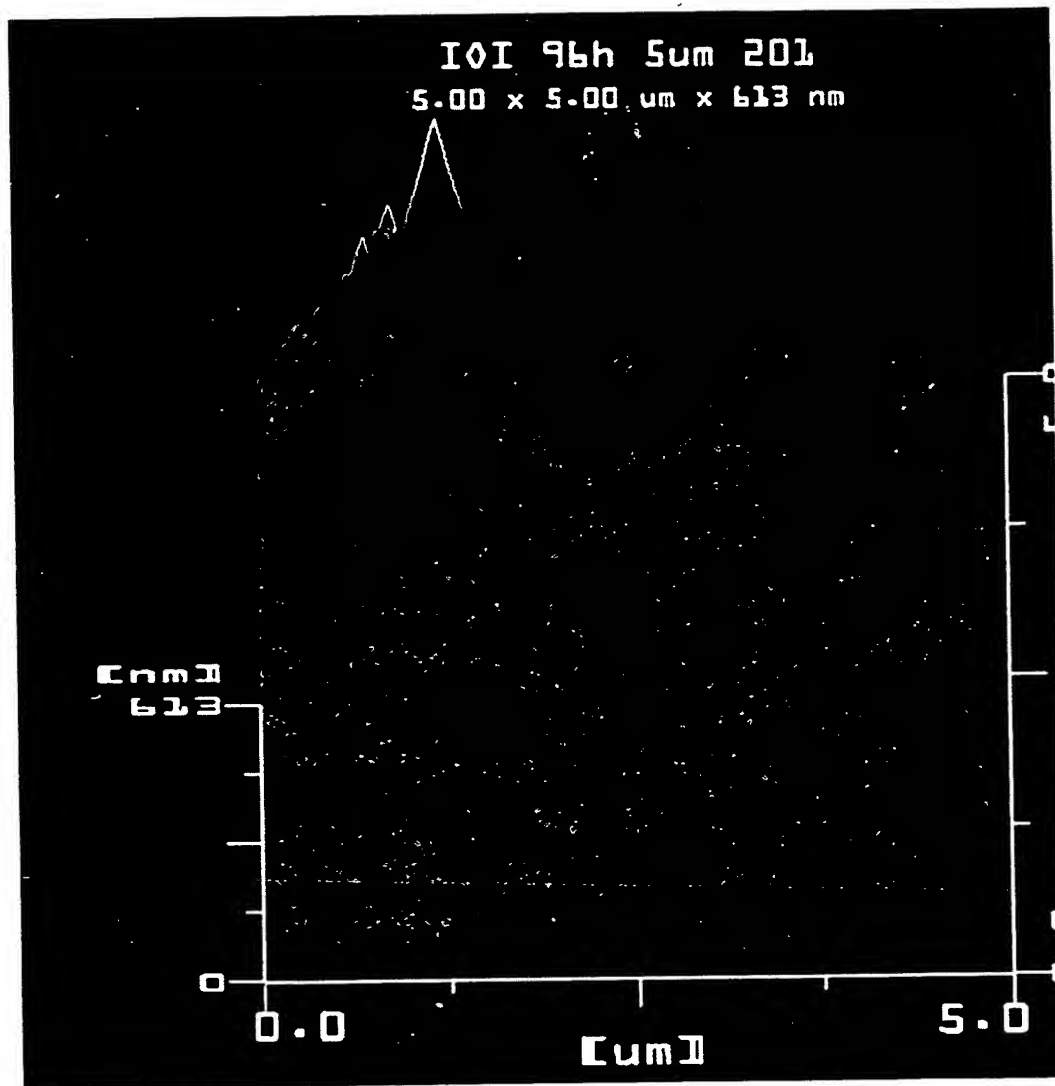


FIG. 14

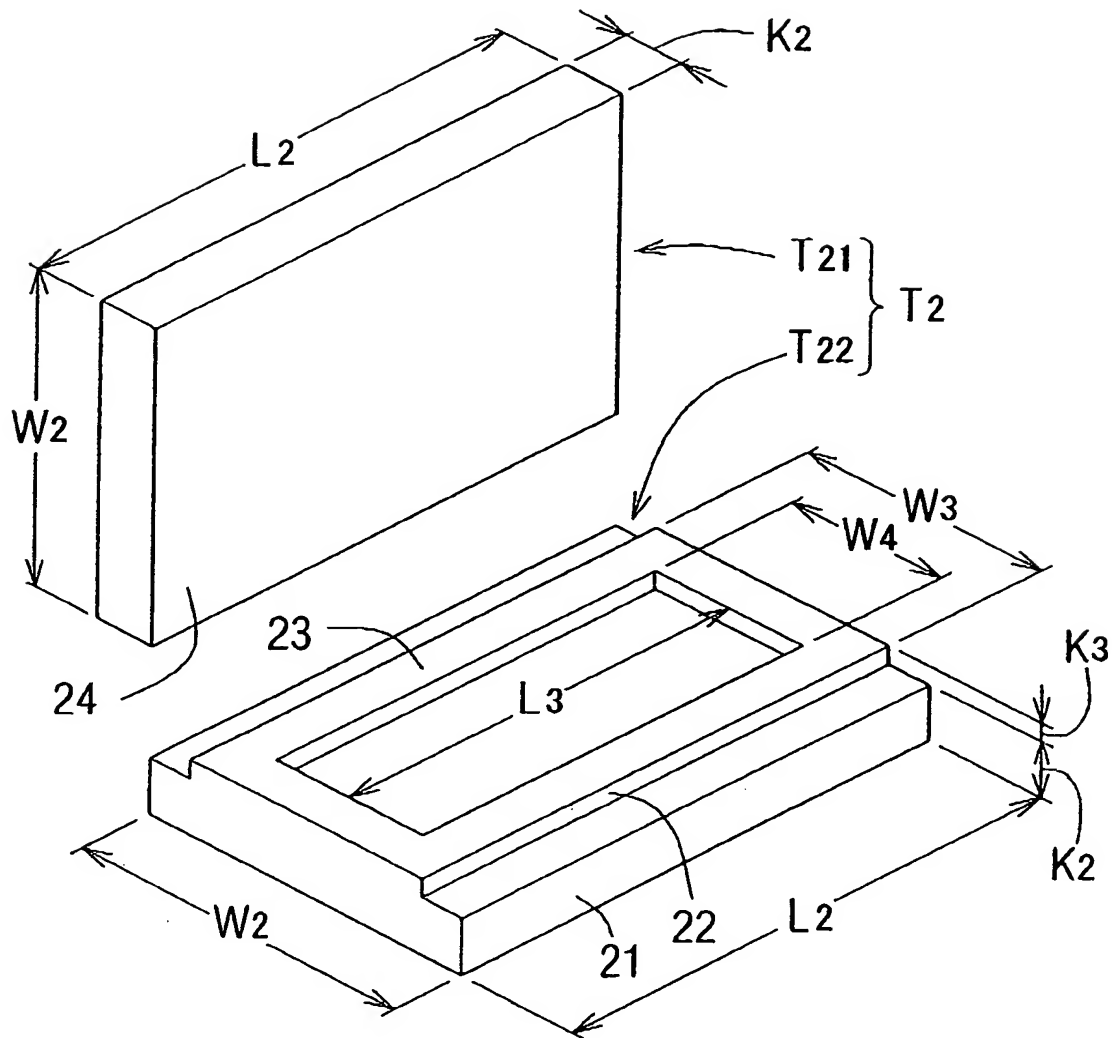


FIG. 15

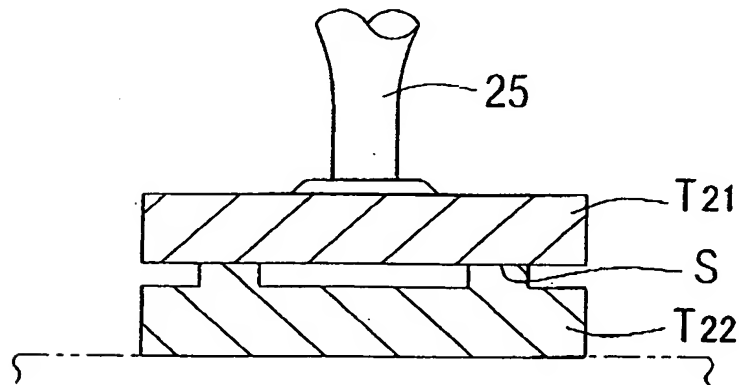


FIG. 16

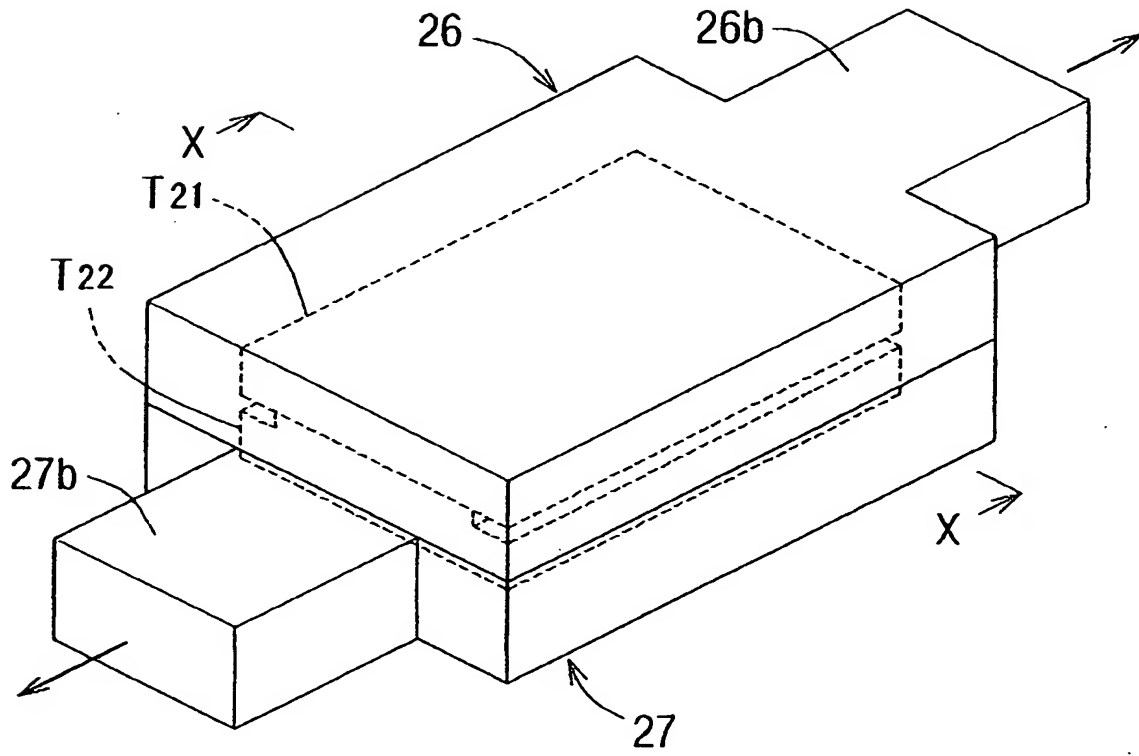


FIG. 17

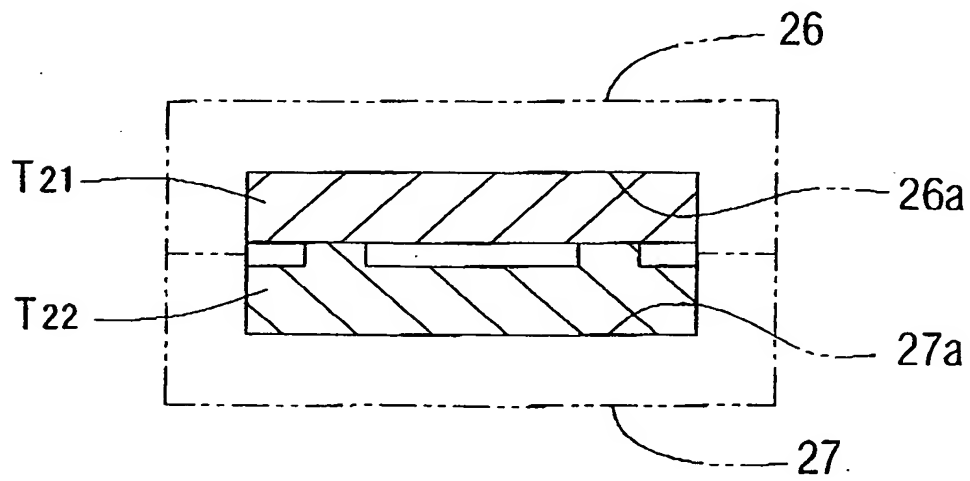


FIG. 18

Test No.	With joining auxiliary agent		Without joining auxiliary agent (Comparative Examples)	
	Nylon 6 resin	Nylon 66 resin	Nylon 6 resin	Nylon 66 resin
No. 1	21.6	18.2	2.9	1.7
No. 2	12.7	20.0	2.8	1.7
No. 3	20.1	18.0	4.1	1.1
No. 4	15.6	18.4	3.2	1.7
No. 5	19.1	15.9	3.9	1.4
Average	17.8	18.1	3.4	1.5
Standard deviation	3.6	1.4	0.6	0.3

Unit: MPa